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Hull & Goole Port Health Authority



ANNUAL REPORT

OF THE

Port Medical Officer

FOR

1969

ALEXANDER HUTCHISON,

Port Medical Officer.



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Hull & Goole Port Health Authority

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ALEXANDER HUTCHISON,
Port Medical Officer.

9 PIER STREET
HULL.

May, 1969

*To the Chairman and Members of
the Hull and Goole Port Health Authority.*

LADIES AND GENTLEMEN,

I have pleasure in presenting my Report as Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1969.

As in previous years the report has been prepared in accordance with Form Port 20 of the Department of Health and Social Security.

The year under review saw the opening of the new dock by Her Majesty Queen Elizabeth II which will cater particularly for large bulk carriers and container ships. The total cost was £6,750,000.

At Goole the first of four new berths at Ouse Dock was brought into service at a cost of £330,000.

An instance of a vessel being issued with a deratting exemption certificate with cargo on board at a foreign port was noted ; the circumstances were reported to the Department of Health and Social Security.

During the year instruction was given to doctors, public health inspectors and student inspectors from home and abroad on the practical and administrative aspects of port health work.

The number of deratting and deratting exemption certificates issued was 547, an increase of eight certificates over the previous year.

Further details on the above subjects are given in the body of the report.

It is both pleasing and complimentary to the Authority that the colour cover of the ship showing the flag signal " I require Port Medical Officer " has been so admired by another authority as to be reproduced similarly in their own report.

I am indebted to H.M. Collector of Customs and Excise and his staff, to the Superintendent of H.M. Customs Waterguard and his Officers, H.M. Chief Immigration Officer and his staff, the Pilots, Dock Masters, Owners and Agents, and to many other members of the shipping world in the Ports of Hull and Goole for their co-operation throughout the year.

I also wish to thank all members of the staff of the Authority for their devotion to duty during the year.

My thanks are also due to the Chairman and Members of the Authority for their keen interest in port health work and for their courtesy to me at all times.

I am,

Your obedient servant,

ALEXANDER HUTCHISON

Port Medical Officer

HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

ALDERMAN (Mrs.) M. HEATH, M.B.E. (*Chairman*)
COUNCILLOR W. HOBDEN

ALDERMAN (Mrs.) S. MOORE

Members elected by the Goole Borough Council

ALDERMAN C. R. INGLEBY (*Deputy Chairman*)
COUNCILLOR F. ATKINSON, O.B.E., J.P.

STAFF—TABLE A

<i>Name of Officer and qualifications</i>	<i>Name of Appointment</i>	<i>Date of Appointment to staff</i>	<i>Any other Appointments held</i>
Alexander Hutchison, O.B.E., M.D. PH.D., F.R.C.P., (Glas) F.R.F.P.S.G., D.P.H., D.P.A., Hon. F.A.P.H.A., Hon.F.R.S.H., Hon. M.A.M.A. J. Haydon W. Glen, LL.B., Clerk	Port Medical Officer of Health and Medical Inspector of Aliens	1st January, 1953	Medical Officer of Health and Principal School Medical Officer, Corporation of Kingston upon Hull
G. E. Atkinson, F.I.M.T.A., D.P.A.	Treasurer	11th November, 1957	Town Clerk, Corporation of Kingston upon Hull
J. M. O'Brien, M.B., CH.B., D.P.H.	Deputy Port Medical Officer of Health and Medical Inspector of Aliens—occasional duty	8th December, 1961	City Treasurer, Corporation of Kingston upon Hull
D. R. Edmiston, M.B., CH.B., D.P.H.	Medical Officer and Medical In- specter of Aliens—occasional duty	15th November, 1965	Deputy Medical Officer, Corporation of Kingston upon Hull
L. Kilpatrick, M.B., CH.B., D. obst., R.C.O.G., D.P.H.	Medical Officer and Medical In- specter of Aliens—occasional duty	12th January, 1960	Senior Medical Officer, Corporation of Kingston upon Hull
		28th December, 1965	Senior Medical Officer, Corporation of Kingston upon Hull

A. K. Brahmachari, M.B., B.S. Calcutta D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	11th August, 1966— 23rd November, 1969	Assistant Senior Medical Officer, Corporation of Kingston upon Hull
S. J. Desai, M.B., B.S. (Gujrat) D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	24th November, 1969 —1st April, 1970	Assistant Senior Medical Officer, Corporation of Kingston upon Hull
S. Klinger, M.D., Vienna	Medical Officer and Medical Inspector of Aliens—occasional duty	21st July, 1952	Medical Officer in Department, Corporation of Kingston upon Hull
J. D. McVicker, B.A., M.B., B.CH.	Medical Officer and Medical Inspector of Aliens—occasional duty	26th August, 1964— 2nd March, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
V. J. de Bono, M.D., Malta, D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	6th February, 1967— 16th February, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
J. J. Bagnall, M.B., CH.B.,	Medical Officer and Medical Inspector of Aliens—occasional duty	1st July, 1968— 9th May, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
J. D. Mundy, L.R.C.P. and J.I., D.C.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	25th November, 1968	Medical Officer in Department, Corporation of Kingston upon Hull
T. K. Kundu, M.B., D.A., B.S. (Calcutta), M.R.C.O.G.	Medical Officer and Medical Inspector of Aliens—occasional duty	2nd December, 1968— 12th March, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
S. Saraiya, M.B., B.S., D.G.O. (Bombay)	Medical Officer and Medical Inspector of Aliens—occasional duty	9th May, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
S. Ray, M.B., B.S. (Calcutta)	Medical Officer and Medical Inspector of Aliens—occasional duty	1st July, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
R. A. Haward, M.B., Ch.B.	Medical Officer and Medical Inspector of Aliens—occasional duty	29th September, 1969	Medical Officer in Department, Corporation of Kingston upon Hull
K. G. Prashara, M.B., B.S., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	21st July, 1969— 31st December, 1969	Medical Officer in Department, Corporation of Kingston upon Hull

STAFF—TABLE A—*continued*

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to Staff</i>	<i>Any other Appointments held</i>
S. K. Appleton, M.D., D.T.M., D.P.H	Deputy Port Medical Officer of Health at Goole	5th January, 1948	Divisional Medical Officer and School Medical Officer; Goole Borough, Goole Rural, Selby Urban and Selby Rural Authorities
R. T. Hunter, B.Sc., F.R.I.C.	Port Analyst	1st February, 1962	Public Analyst, Corporation of Kingston upon Hull
†*G. Wallace	Senior Port Health Inspector	10th October, 1938	_____
†*T. A. Fox	Deputy Senior Port Health Inspector	8th September, 1941	_____
*T. A. K. Williams	Port Health Inspector	14th December, 1957	_____
*N. Howard	Port Health Inspector	1st April, 1963-31st July, 1969	_____
N. Kay	Port Health Inspector	7th December, 1964-15th, June, 1969	_____
L. Dettman	Pupil Port Health Inspector	3rd September, 1968	_____
L. R. Gourd	Chief Food Inspector at Hull	9th June, 1947	Chief Food Inspector, Corporation of Kingston upon Hull
G. A. Sandilands	Senior Food Inspector at Hull	5th July, 1949	Senior Food Inspector, Corporation of Kingston upon Hull
L. Booth	Assistant Senior Food Inspector at Hull	11th March, 1952	Assistant Senior Food Inspector, Corporation of Kingston upon Hull
S. Johnson	Senior Administrative Asst.	15th March, 1926	_____
S. Broadbent	Administrative Assistant	24th March, 1930	_____
M. B. Woodward	Clerk	22nd August, 1966- 11th June, 1969	_____
G. I. Fenwick	Clerk	7th July, 1969	_____
J. W. Warelouw	Rodent Searcher	11th January, 1954	_____
J. Cressey	Rodent Searcher	29th August, 1960	_____
A. Dunn	Rodent Searcher	3rd January, 1966	_____

* Appointed as Authorised Officer at Goole under the Imported Foods Regulations, 1968.

† Qualified Master Mariner.

All members of the Inspectorial Staff possess, in addition to the Statutory qualifications, the certificate for the Inspection of Meat and Other Foods.

Contents

	PAGE
Alien passengers arriving at Port of Hull	34-35
Analyst's Report	20, 46-52
Bacteriologist's Report	21, 27, 52
Canal Boats	20
Chicken-pox	24, 26, 56
Clean Air Act, 1956	36
Dangerous Drugs (No. 2) Regulations 1964	37
Defects of Original Construction	33, 57
Defects arising from structural alterations	33, 59
Destruction of rats	28-31
Dirt, vermin and other conditions prejudicial to health	33, 58-59
Exports	18-19
Food and Drugs Act, 1955	43, 46
Food Hygiene (Docks, Carriers, etc.) Regulations 1960	46
Food Hygiene (General) Regulations 1960-62	46
Food and Meat Inspections (Hull)	37-42
do. do. (Goole)	42-47
Gastro-enteritis	24, 26, 55
Goole, vessels inspected at	16, 57
Health, certificates of	37
Hookworm Disease	24, 27, 55
Hospitals, admissions to	55
Hull, vessels inspected at	16, 57
Imported Food Regulations, 1968	37-46

	PAGE
Imports	18–19
Infective Hepatitis	24, 27, 55
Infectious Diseases	24–27
Influenza	24, 25, 27
Jurisdiction of Port	15
Malaria	28
Measles	24, 26
Mumps	24, 25
Number and Tonnage of vessels arriving at Ports of Hull and Goole	16
Passenger Traffic	17
Plague, precautions against	28–29
Pneumonia	24, 25, 55
Prevention of Damage by Pests Act 1949	29
Public Health (Shell Fish) Regulations 1934	43
Public Health (Ships) Regulations 1966–68	22
Rodents, measures against	28–31
Rubella	24, 25
Scabies	24, 26
Shipping, amount of	15–16
Smallpox	22, 23
Structural defects through wear and tear	33, 57–58
Tonsillitis	24, 26
Trade, character of	17–19
Typhoid Fever	24, 56
Venereal Disease	23
Water supply, source for the district	20
do. source for shipping	20
Water, examinations of (chemical)	20
do. do. (bacteriological)	21
Water boats	21

Index to Tables

	PAGE
A. Staff	5
B. Amount of shipping entering the district during the year	15-16
C. Character of Shipping and Trade during the year	17-19
D. Cases of notifiable and other infectious diseases on ships	24
E. Rodents destroyed during the year	30
F. Deratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports	31
G. Inspections and Notices	33

INDEX TO APPENDICES

I	Summary of vessels inspected	53
II	Medical inspection of vessels	54
III	Total number of admissions into hospitals	55
IV	Vessels reported on their arrival as having, or having had, infectious disease on board	56
V	Classification of Nuisances (detailed)	57-60
	(a) Defects of original construction	57
	(b) Structural defects through wear and tear	57
	(c) Dirt, vermin and other conditions prejudicial to health	58-59
	(d) Defects arising from structural alterations	59
VI	Powers	60

REPORT

JURISDICTION OF PORT

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR

During 1969, 10,557 vessels entered the Ports of Hull and Goole with a total net tonnage of 8,167,102 against 10,618 vessels with a total net tonnage of 8,200,360 in 1968.

In the year under review 542 ships were dealt with on arrival by the Medical Officers of the Authority ; this shows a decrease of 99 when compared with the figure for 1968.

The Port Health Inspectors visited 5,878 vessels on 179 of which sanitary defects were discovered, on 74 of these vessels the defects were remedied. In 1968 the figures were respectively 7,012 259 and 151. Details of this work will be found in Table G, page 33, and in Appendix 1, page 53, and Appendix 5, pages 57-60.

TABLE B

HULL*

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports : Steamers and motor vessels	5,176	5,556,143	87	3,022	17
Fishing vessels	1,350	383,792	—	765	—
Total	6,526	5,939,935	87	3,787	17
Coastwise Ports : Steamers and motor vessels	964	1,132,589	—	298	—
Fishing vessels	8	1,359	—	27	—
Total	972	1,133,948	—	325	—
Total from Foreign and Coastwise Ports	7,498	7,073,883	87	4,112	17

* Including Barton on Humber and River Trent Ports.

GOOLE†

Ships from	Number	Tonnage	Number inspected		Number of ship reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports : Steamers and motor vessels	1,786	469,737	26	1,046	—
Coastwise Ports : Steamers and motor vessels	1,273	623,482	—	720	—
Total from Foreign and Coastwise Ports	3,059	1,093,219	26	1,766	—
Total from Foreign and Coastwise Ports—Hull and Goole	10,557	8,167,102	113	5,878	17

In addition, passengers from 429 vessels were dealt with at the Passenger Terminals under the Aliens Order 1953 and the Commonwealth Immigrants Act, 1962/68.

† Including Selby and Howdendyke

CHARACTER OF SHIPPING AND TRADE DURING THE YEAR**TABLE C****PASSENGER TRAFFIC****HULL**

No. of Passengers	British	Aliens	Totals
Inwards	54,192	25,448	79,630
Outwards	52,430	23,060	75,490

Total Passengers, Inwards and Outwards 155,120

GOOLE

No. of Passengers	British	Aliens	Totals
Inwards	243	299	542
Outwards	245	277	522

Total Passengers, Inwards and Outwards 1,164

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 156,284 Alien and British passengers entered or departed from Ports of Hull and Goole as compared with 166,350 in 1968.

The number of Aliens entering the district showed a decrease of 3,779 when compared with the figure for 1968.

British passengers outwards decreased by 761 when compared with the figure for 1968.

CARGO TRAFFIC**HULL**

IMPORTS :—

Commodity		1969 Tons	1968 Tons
Cereals (including flour)	.....	733,149	836,774
Fruit and Vegetables	.....	119,844	129,653
Molasses and Sugar	.....	146,784	94,149
Other Foodstuffs	.....	296,670	324,727
Timber (including pitwood)	.....	448,091	532,082
Iron Ore	.....	4,885	4,178
Building Materials	.....	108,849	133,575
Wool and Textile Fibres	.....	67,871	66,972
Oilseeds and Nuts	.....	218,521	200,329
Iron and Steel	.....	107,549	102,876
Miscellaneous	.....	1,227,098	1,206,468
		<hr/>	<hr/>
		3,479,311	3,631,783
Fish Landings	.....	211,621	200,450
Petroleum	.....	1,817,235	1,982,272
		<hr/>	<hr/>
Totals	.....	5,508,167	5,814,505
		<hr/>	<hr/>

EXPORTS :—

Commodity		1969 Tons	1968 Tons
Cereals (including flour)	.....	11,681	23,034
Other foodstuffs	.....	72,968	64,922
Chemicals and Fertilisers	.....	178,211	165,348
Iron and Steel	.....	239,843	204,265
Machinery	.....	120,279	104,856
Vehicles	.....	73,167	77,596
Textiles	.....	40,060	37,733
Buildings Materials	.....	57,769	49,251
Miscellaneous	.....	482,120	384,168
		<hr/>	<hr/>
		1,276,098	1,111,173
Coal and Coke cargo	.....	35,944	339,413
Petroleum cargo	.....	492,277	459,090
Bunker Fuel —Coal and Coke	.....	—	745
—Petroleum	.....	272,182	273,188
		<hr/>	<hr/>
Totals	.....	2,076,501	2,183,609
		<hr/>	<hr/>
TOTAL : IMPORT and EXPORT	.....	7,584,668	7,998,114
		<hr/>	<hr/>

GOOLE**IMPORTS :—**

Commodity	1969 Tons	1968 Tons
Cereals and Grain	27,301	18,296
Dairy products and other foodstuffs	68,030	67,473
Timber	88,503	109,773
Wood and Paper Manufactures	24,547	16,624
Wool Textiles and Fibres	13,257	17,428
Ores	10,155	18,335
Building materials, etc.	18,246	16,704
Petroleum and Products	30,115	21,945
Chemicals and Chemical Fertilisers	120,685	136,937
Iron and Steel (including scrap)	77,717	115,632
Machinery and vehicles	4,298	4,008
Other commodities	9,812	9,548
Totals	492,666	552,703

EXPORTS :—

Commodity	1969 Tons	1968 Tons
Foodstuffs	10,051	10,010
Building Materials (including pitch)	23,755	25,530
Chemicals and Chemical Fertilisers	28,243	22,975
Textiles and Fabrics	12,946	15,206
Iron and Steel (including scrap)	67,202	46,365
Machinery	16,133	15,766
Vehicles	5,878	2,099
Other commodities	30,550	27,640
	194,758	165,591
Coal, Coke and Patent Fuel	1,494,389	1,371,758
Totals	1,689,147	1,537,349
TOTAL IMPORTS AND EXPORTS	2,181,813	2,090,052

INLAND BARGE TRAFFIC
REPORT ON THE INSPECTION OF CANAL BOATS

River and canal traffic is between Hull and Leeds, Bradford Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	.....	.....	.....	420
Number of additional inspections made to ascertain if notices served and verbal cautions given had been complied with	.....	.....	.....	4
Total number of inspections				424

Contraventions and Defective Conditions

Number of Canal Boats with contraventions	.....	.....	24
Number of contraventions	.....	.....	36
Number of contraventions remedied	.....	.....	2

Infectious Diseases

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year.

Legal Proceedings

It has not been necessary during the year to institute legal proceedings.

WATER SUPPLY

For the District

Under Article 14, Part III, of the International Sanitary Regulations, every port shall be provided with a supply of pure drinking water. At the Port of Hull drinking water is supplied by the Kingston upon Hull Corporation and at the Port of Goole by the Goole Borough.

For Shipping

Ships at Hull obtain their fresh water either direct from the hydrants on application to the dock authorities, or from privately owned water-boats. At Goole fresh water for shipping is supplied by water-boats.

Reports on Tests for Contamination

(a) CHEMICAL

No water samples were submitted to the Port Analyst during the year.

(b) BACTERIOLOGICAL

A total of 70 samples from water boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service ; four samples from ships were reported to be unsatisfactory.

In the cases where samples were reported to be unsatisfactory instructions were given for the water in the tanks to be chlorinated prior to the tanks being emptied, cleansed and cement-washed. These orders were complied with in every case.

Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Docks Board.

Samples are taken periodically from the water-boats and the hydrants, the latter with the consent and co-operation of the British Transport Docks Board.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Docks Board who take the necessary action.

Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks	Number of Boats
Albert and William Wright	2
Alexandra	1
St. Andrew's Dock	2
Goole	2

These boats are periodically cleansed and cement-washed and are kept under constant supervision by the Authority's Inspectors. Samples of drinking water are taken periodically and submitted to the Director of the Public Health Laboratory Service for bacteriological examination, and, if considered necessary, for chemical analysis by the Port Analyst.

Ships domestic water tanks are similarly sampled either as a result of complaints or as part of the normal duties.

Where adverse reports are received the appropriate action is taken under the provisions of Section 141, Part IV, of the Public Health Act, 1936.

The results of the examination of drinking water samples from British ships are reported, at his request, to the Provisions Inspector of the Board of Trade.

PUBLIC HEALTH (SHIPS) REGULATIONS 1966-68

The Port Health Authority maintains a complete twenty-four hour service in order to ensure the prompt clearance of incoming vessels under the provisions of the above Regulations.

The authorised officers are on rota stand-by duty at home after office hours to receive news of the impending arrival of vessels requiring medical attention. They arrange for the attendance of the medical officer and accompany him to all vessels.

The medical staff work on a rota duty basis and the officer on duty is available at any time of the day or night.

INFECTED AREAS

As from 7th August, 1969, the Infected Area List was amended, which now reads as follows :—

ASIA, including Japan, the East Indies and Ceylon (Turkish and Mediterranean ports excluded)

AFRICA, including Madagascar

(Ports in the following areas are excluded :—

The Azores, the Canary Islands, the Cape Verde Islands, countries bordering the Mediterranean (including the Atlantic coast of Morocco) and the ports of Cape Town, Durban* and Port Elizabeth).

BRAZIL

*Temporarily included on the Infected Area List.

RADIO MESSAGES—NO CHANGE

MOORING STATIONS—NO CHANGE

HOSPITAL ACCOMMODATION FOR INFECTIOUS DISEASES—NO CHANGE.

SURVEILLANCE AND FOLLOW-UP OF CONTACTS—NO CHANGE.

CLEANSING AND DISINFECTION OF SHIPS, PERSONS, CLOTHING AND OTHER ARTICLES—NO CHANGE.

SMALLPOX

All cases or suspected cases of smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Ambulances for the removal of cases to hospital are provided at all times by the Kingston upon Hull Ambulance Service which is under the direction of the Medical Officer of Health for the City.

Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance staff and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull and of the Hull & Goole Port Health Authority, is the smallpox consultant for the district.

Specimens for laboratory diagnosis are forwarded to :—

The Virus Laboratory,
Public Health Laboratory,
Bridle Path,
York Road,
LEEDS, 15.

VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street Hull.

The times of attendances for seeing the doctor as are follows :—

Monday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Tuesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Wednesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 7-0 p.m.
Thursday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Friday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Saturday	.....	.....	.....	————

A ' Notice to Seamen ' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

In-patients are treated at the Hull Royal Infirmary, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES
ON SHIPS

TABLE D

Cases landed from Ships from Foreign Ports

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Gastro-enteritis	—	3	3
Hookworm Disease	—	1	1
Infective Hepatitis	—	1	1
Influenza	2	3	4
Measles	1	—	1
Mumps	1	—	1
Pneumonia	1	—	1
Rubella	1	—	1
Scabies	—	2	1
Tonsillitis	—	1	1

Cases which have occurred on ships from Foreign Ports but have
been disposed of prior to arrival

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Chicken-pox	—	1	1
Typhoid Fever	—	1	1

Cases landed from other Ships

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
—	—	—	—

On 7th January, the m.v. " Ilesha Palm " from West Africa was boarded by a medical officer and an authorised officer. A member of the crew complained of diarrhoea and a rectal swab was taken which was later reported to be negative.

On 4th February, the m.v. " Crestbank " from West Africa was boarded by a medical officer and an authorised officer. A member of the crew was found to be suffering from a peptic ulcer and another was suffering from influenza. Both cases were referred to the agent's doctor for treatment.

On 16th March, the m.v. " Norwind " was boarded by a medical officer and an authorised officer. A female passenger medically examined was found to suffer from chronic bronchitis and had recently suffered from influenza. Before embarking she had a long and tiring journey following by an uncomfortable sea crossing. She was proceeding to Harrogate by car in the company of her husband and preferred to do so rather than rest for a few days.

On 26th March, the m.v. " Spero " was boarded by a medical officer and an authorised officer. A male passenger who had been ill for three days was examined. He had a history of a temperature of 102°F and vomiting ; no diarrhoea. Arrangements were made for his admittance to the Castle Hill Hospital for observation where he was found to be suffering from pneumonia. The cabin was disinfected by an officer of the Authority and the bedding removed to the Scarborough Street Disinfecting Station.

On 30th March, the m.v. " Spero " was boarded by a medical officer and an authorised officer. A male passenger was found to be suffering from influenza with sore throat and tracheitis while his daughter, aged 9 years, was also suffering from influenza. They were proceeding to Colchester by car and arrangements were made by the shipping agents for a driver to take them.

On 28th May, a British female passenger, age 4 years, on the m.v. " Bolton Abbey " from Rotterdam, travelling in the care of her parents to a local address, was found to be suffering from German measles. Arrangements were made for the disinfection of the cabin and for the disinfection of the bedding at the Scarborough Street Disinfecting Station.

On 30th May, an alien male passenger, age 16 years, on the m.v. " Spero " from Gothenburg, who was in a party proceeding to Hornsea, was reported to be ill and on examination was found to be suffering from mumps. Arrangements were made for his return to Sweden in the same cabin and the nurse/hostess was advised regarding treatment. The purser was informed that the Port Medical Officer at Gothenburg would need to be informed.

On 1st June, the m.v. "Grangefield" from Rotterdam was boarded by a medical officer and an authorised officer by reason of sickness on board. A member of the crew was medically examined and found to be suffering from suspected tonsillitis. Arrangements were made for his admittance to the Castle Hill Hospital, Cottingham, where the diagnosis was confirmed.

On 13th August, it was reported that a member of the crew of the s.s. "Jaroslaw Dabrowski" from Gdynia had been admitted to the Castle Hill Hospital, Cottingham, suffering from gastro-enteritis.

On 1st September, the m.v. "El Kanemi" from West Africa was boarded by a medical officer and an authorised officer. During the voyage a member of the crew had suffered from chicken-pox. Arrangements were made for the disinfection of the cabin and the hospital by an officer of the Authority and for the bedding to be removed to the Scarborough Street Disinfecting Station.

On 16th October, the m.v. "Havpil" from Leningrad was boarded by a medical officer and an authorised officer. A member of the crew had been seen by a private medical practitioner who had arranged for his removal to the Castle Hill Hospital, Cottingham, where he was subsequently found to be suffering from gastro-enteritis.

Rectal swabs were taken from the remainder of the crew and the results were negative for organisms of the shigella or salmonella groups.

Disinfection of the sick man's quarters was carried out by an officer of the Authority.

A sample of drinking water submitted for bacteriological examination was found to be unsatisfactory. The Master and the Agents were informed and the appropriate action was taken.

On 9th November, the m.v. "Auckland Star" from New Zealand via Panama was boarded by a medical officer and an authorised officer. During the voyage two members of the crew had been landed at Panama suffering from diarrhoea but no further cases had occurred. Two other members of the crew had been receiving treatment for scabies.

On 20th December, the m.v. "Norwave" from Rotterdam was boarded by a medical officer and an authorised officer. A British passenger age 4, was found to be suffering from measles. The child was travelling by car to Ireland in the care of his parents. They were calling at Ilkley en route where the child would receive medical treatment.

On 24th December, a report was received from a firm of shipping agents that a tug bound for Hull had a man on board from an oil rig who required medical attention and that difficulty had been experienced in obtaining the service of a doctor. The man was believed to be suffering from jaundice and arrangements were made for his admittance to the Hull Royal Infirmary. He was later transferred to the Castle Hill Hospital, Cottingham, where a diagnosis of infective hepatitis was made.

On the same day the m.v. "Norwave" from Rotterdam was boarded by a medical officer and an authorised officer. A member of the crew was reported to be ill and was found to be suffering from influenza. He was advised to go to his home in Ipswich for treatment.

Hookworm Disease

On 18th July, 1969, a member of the catering staff on a ship at Hull was admitted to the Castle Hill Hospital, Cottingham, E. Yorks., where a diagnosis of hookworm disease was made on 26th July. The remainder of the crew were reported to be well.

Faecal samples from the catering staff were found to be negative for parasitic or protozoal infection.

The need for strict hygiene, both personal and in the galley, was impressed upon the responsible officers. It was also recommended that when the man left hospital he should not again be employed in a similar capacity in the catering department.

The man left hospital on 4th August and subsequent swabs were found to be negative.

The vessel's next port of call was Rotterdam and the Port Medical Officer of Health for that port was notified of the circumstances.

OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS

No cases of malaria were reported to have occurred on ships arriving in the port health district during the year.

MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No ships, infected or suspected for plague, arrived in the port health district during the year.

MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

Procedure for Inspection of Ships for Rats

The Authority's Inspectors and Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation as soon as possible after arrival; 261 ships arrived from infected areas either direct or via "excepted" or British ports. The Authority's officers pay particular attention to such ships.

Where evidence of recent infestation is found traps are laid and specimens trapped are submitted for bacteriological examination.

In 1969 traps were set on 142 ships and 14 rats were caught.

Arrangements for the Bacteriological or Pathological Examination of Rodents

A proportion of all rats trapped and all found dead, are submitted to the Director of the Public Health Laboratory Service, Hull Royal Infirmary, Hull for bacteriological examination. 6 rats were examined during the year, none of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 30).

Arrangements for deratting ships

Five methods of rat destruction are approved, namely: (1) Fumigation by hydrogen cyanide; (2) Fumigation by sulphur dioxide; (3) Fumigation by methyl bromide; (4) Trapping, and (5) Poisoning by sodium fluoroacetate. Details are given in Tables E and F. (pages 30 and 31).

In cases where ships may harbour plague-suspected rats and also in cases of heavy rat infestation it is insisted upon that deratting be carried out by fumigation with hydrogen cyanide. Where the infestation is slight or moderate deratting is permitted by fumigation with sulphur dioxide or poisoning by sodium

fluoroacetate. Infestation of a minor nature can be dealt with by trapping.

There is a working arrangement with the Ministry of Agriculture, Fisheries and Food (Infestation Branch) whereby ships being fumigated with methyl bromide may be granted a deratting certificate provided the operation is supervised by an Officer of the Authority.

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows :—

(a) Messrs. R. W. Arro & Co., Ltd.
433 Hedon Road,
Hull.

(b) Messrs. Harrison & Doughty Ltd.
Wyke Street,
Hull.

(c) Scientex Ltd.
30-31 Queen Street,
London, E.C.4.

(d) Etoxin Ltd.,
25 Queen Street,
Hull.

(e) Rentokil Laboratories Ltd.
14 John Street,
Hull.

Progress in the rat-proofing of ships

Inspections continue to show the incorporation of rat-proofing measures in the construction of new vessels and that rat harbourage of a permanent nature is kept down to a minimum. Wherever unprotected rat harbourage is found the Authority's officers advise on the most effective methods of eliminating the harbourage.

PREVENTION OF DAMAGE BY PESTS ACT 1949 PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER 1951 and 1956

No Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order 1951, made under the Prevention of Damage by Pests Act 1949,

TABLE E
RODENTS DESTROYED DURING THE YEAR
IN SHIPS FROM FOREIGN PORTS

Category	Number
Black Rats	14
Brown Rats	—
Species not known	—
Sent for examination	6
Infected with Plague	—

In addition 52 rats were found after treatment with sodium fluoroacetate.

TABLE F
DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING THE YEAR
FOR SHIPS FROM FOREIGN PORTS

	No. of Deratting Certificates issued		Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
	After Fumigation with	After trapping			
	Other Fumigant (state method)				
HCN					
—	—	—	3	544	547

The Public Health (Ships) Regulations 1966-68
Deratting and Deratting Exemption Certificates

During the year the circumstances under which an International Deratting Exemption Certificate was issued were considered not to be in accordance with Article 52 (4) (b) which states that :

“ At any port approved under Article 17, the health authority may issue a Deratting Exemption Certificate if it is satisfied that the number of rodents on board is negligible. Such a certificate shall be issued only if the inspection of the ship has been carried out when the holds are empty or when they contain only ballast or other material, unattractive to rodents, of such a nature or so disposed as to make a thorough inspection of the holds possible. A Deratting Exemption Certificate may be issued for an oil-tanker with full holds.”

The ship concerned arrived at Hull on 17th February, 1969, and produced a deratting exemption certificate issued at a foreign port on 14th February on which no mention was made of cargo being present at the time of inspection.

The cargo for Hull consisted of 458 tons of latex (in tanks) and 600 tons of general cargo ; obviously no objection could be raised to the issue of a certificate in respect of the latex cargo but it was considered that as the vessel was to complete discharge at Hull the certificate should not have been issued at the foreign port.

It was also considered that certificates issued under such conditions could lead Masters, Owners and Agents to believe that these certificates can be renewed at will and would place other port health authorities in an invidious position when asked to issue Deratting Exemption Certificates in similar circumstances.

INSPECTION OF SHIPS FOR NUISANCES
TABLE G
INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections	Number of Inspections		Notices Served		Result of Serving Notices
	Number Found	Number Remedied	Statutory Notices	Other Notices	
British					
Defects of original construction	—	—	—	—	—
Structural defects through wear and tear	39	39	—	—	—
Dirt, vermin and other conditions prejudicial to health	204	192	—	—	—
Defects arising from structural alterations	1	—	—	—	—
Foreign					
Defects of original construction	140	—	—	—	—
Structural defects through wear and tear	4	2	—	—	—
Dirt, vermin and other conditions prejudicial to health	117	117	—	2	2
Defects arising from structural alterations	38	—	—	—	—
Totals	543	350	—	2	2 ships remedied

It should be noted that defects of original construction and those arising from structural alterations are not strictly matters for correction by your officers and such defects when found on British ships are notified to the Board of Trade for their attention.

ALIENS ORDER 1953

The Medical Inspectors of Aliens holding Warrants of Appointment at the 31st December, 1969 were as follows :—

1. Dr. ALEXANDER HUTCHISON, Port Medical Officer of Health.
2. Dr. J. M. O'BRIEN, Deputy Medical Officer, Hull C.B.
3. Dr. D. R. EDMISTON, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
4. Dr. L. KILPATRICK, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
5. Dr. S. KLINGER, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
6. Dr. J. D. MUNDY, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
7. Dr. S. SARAIYA, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
8. Dr. S. RAY, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
9. Dr. R. A. HAWARD, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).

OTHER STAFF

At the present time five Inspectorial and two Clerical Staff are engaged on this work.

ORGANISATION OF WORK

The expected time of arrival of ships carrying Alien and Commonwealth passengers is notified by H.M. Immigration Officers and the shipping agents to the office of the Authority. After office hours this information is obtained by the authorised officer on duty who arranges for the attendance of the medical inspector and accompanies him to the vessel or to the passenger terminal,

MEDICAL EXAMINATION OF ALIENS

during the year ended 31st December, 1969

1.	Number of arriving ships carrying alien passengers	1,047
2.	Total number of arriving aliens (excluding crews)	25,448
3.	Total number of aliens medically examined	41
4.	Reports and certificates for aliens medically examined	—

Medical examination of aliens is carried out at the Passenger Terminals, King George and Alexandra Docks, and occasionally on board ship.

Nature of Report or Certificate		Total number of reports and certificates is sued	Aliens Not Permitted to land
A	Unsound mind or mentally defective	Nil	—
B (1)	Undesirable for medical reasons	Nil	—
B (2)	(a) Inability to support	Nil	—
	(b) Likely to require medical treatment	Nil	—
	(c) Inability to support and likely to require medical treatment	Nil	—
C	Conditionally landed for further medical examination	Nil	—
Totals		Nil	—

COMMONWEALTH IMMIGRANTS ACT 1962-68

All the Medical Inspectors of Aliens have been issued with warrants of appointment under the above Act.

The arrangements regarding the arrival of vessels carrying immigrants are similar to those operating for the ordinary alien traffic.

MEDICAL EXAMINATION OF COMMONWEALTH IMMIGRANTS
during the year ended 31st December, 1969

1. Total number of arriving Commonwealth citizens
subject to control under the Act 340
2. Total number of Commonwealth citizens medically
examined 1
3. Reports and Certificates for Commonwealth citizens
medically examined :— 1

Nature of report or certificate		Number of reports or certificates issued	Number of Commonwealth citizens refused entry
A	Suffering from mental disorder	Nil	—
B (1)	Undesirable for medical reasons	Nil	—
B (2)	Likely to require major medical treatment	Nil	—
Totals		Nil	—

MISCELLANEOUS

**ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS
WHO HAVE DIED FROM INFECTIOUS DISEASE—NO CHANGE**

CLEAN AIR ACT 1956

During the year smoke observations were carried out on 23 vessels and in all instances verbal warnings were given.

No vessels were found to contravene Section I of the Act.

DANGEROUS DRUGS (No. 2) REGULATIONS 1964

During the year two applications were received from a local firm of shipping chemists for a certificate authorising the purchase of scheduled drugs for two foreign-owned vessels in accordance with the provisions of the above Regulations.

The vessels concerned were visited by an Inspector of the Authority to verify the necessity for the drugs.

CERTIFICATES OF HEALTH

During the year three certificates of health were issued to a local firm to the effect that there were no epidemics of cholera, typhus, plague or smallpox existing in the ports of Hull and Goole and also that the ports were free from foot and mouth disease. The certificates were issued in respect of consignments of wool for shipment to Dublin.

A sample of Unprocessed Grain Mix (Mixed Poultry Corn) from a consignment to be shipped from Hull to Iceland was submitted to the Director of the Public Health Laboratory Service for examination for the presence of organisms of the Salmonella and Anthrax groups. The sample was reported to be satisfactory and a certificate to that effect was issued to the exporters.

INSTRUCTION IN PORT HEALTH WORK

During the year seven doctors and one dentist from the University of Leeds and a student public health inspector received instruction from the staff on the administrative and practical aspects of port health work.

Fifteen midwives on the staff of the Kingston upon Hull Corporation Health Department were given a practical demonstration of the work of the Authority.

Public Health officials from overseas countries receiving Port health instruction came from Malaysia, Thailand, Liberia and Uganda.

FOOD INSPECTION HULL

The Imported Food Regulations, 1968

Number of visits to docks	.....	.....	.....	965
Number of vessels discharging foodstuffs	.....	.....	.....	993
Number of packages landed	.....	.....	.....	10,003,812
Number of detention notes issued by Port Medical Officer	.....	.....	.....	11

PARTICULARS OF IMPORTED MEAT AND MEAT PRODUCTS INSPECTED

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
Australia	Tinned Meat	16,859 packages
„	Mutton	5,928 „
„	Lamb	40,576 „
„	Boneless Beef	9,786 „
„	Frozen Offals	6,829 „
Belgium	Lard	5,400 „
„	Tinned Meats	3,369 „

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
China	Tinned Meats	1,604 packages
Czechoslovakia	Tinned Meats	222 „
„	Ham	100 „
Denmark	Tinned Meats	295,303 „
„	Fresh Meats	104,208 „
„	Lard	6,385 „
„	Bacon	164,080 „
„	Rinds	7,496 „
„	Frozen Offals	52,604 „
„	Frozen Poultry	11,492 „
„	Casings	15 „
Germany	Tinned Meats	4,710 „
„	Hams	300 „
„	Meat Preserves	127 „
„	Bacon	2,214 „
„	Lard	36 containers
Holland	Tinned Meats	108,282 packages
„	Bacon	10,110 „
„	Sausages	300 „
„	Frozen Meats	13,495 „
„	Ox Tongues	295 „
„	Hams	4,375 „
„	Lard (Bulk)	101 containers
„	Lard	14,285 packages
„	Kidney	170 „
Hungary	Salami	210 „
Iceland	Lamb	2,799 „
„	Boneless Beef	1,409 „
Malta	Canned Meats	8,000 „
Norway	Beef	400 „
New Zealand	Lamb	79,241 „
„	Meat Sundries	72 „
„	Beef	3,125 „
„	Offals	267 „
„	Tallow	24 Tanks
Poland	Tinned Meats	302,822 packages
„	Sows	3,008 „
„	Bacon	50,564 „
„	Sausage	415 „
„	Lard	8,000 „
South Africa	Tinned Meats	1,687 „
Sweden	Beef	983 „
„	Ham	225 „
„	Tinned Meats	2,250 „
„	Meat Sundries	1,609 „
„	Gammons	350 „
„	Bacon	150 Bales
„	Tallow	700 Tanks

<i>Country of Origin</i>	<i>Description</i>	<i>Quantity</i>
Switzerland	Tinned Meats	11,300 packages
„	Lard	3,752 „
U.S.A.	Beef	656 „
„	Frozen Offal	1,741 „

OTHER FOODSTUFFS LANDED

<i>Description</i>	<i>Quantity</i>
Butter	920,112 packages
Eggs	34,163 „
Tomatoes	1,346,499 „
Apples	663,743 „
Tinned Fruit	779,976 „
Lettuce	166,223 „
Oranges	391,543 „
Carrots	52,371 „
Onions	155,797 „
Cucumbers	93,836 „
Confectionery	42,473 „
Capsicums	7,125 „
Vegetables	203,677 „
Cheese	107,384 „
Coffee	80,347 „
Cocoa Butter	95,305 „
Cocoa Powder	4,450 „
Pears	100,342 „
Groundnuts	84,879 „
Cherries	39,941 „
Grapes	31,119 „
Fish	100,517 „
Bilberries	145,528 „
Potatoes	130,615 „
Cocoa Cake	10,129 „
Grapefruit	108,287 „
Cabbages	5,375 „
Cream	152,185 „
Jam	27,030 „
Sultanas	67,463 „
Cauliflowers	8,397 „
Raisins	13,793 „
Peas	100,189 „
Lemons	9,820 „
Milk	48,068 „
Crisp Bread	34,135 „
Melons	20,124 „
Biscuits	4,900 „
Sugar	15,663 „
Honey	940 „
Tea	3,666 „
Herrings	11,830 „

<i>Description</i>					<i>Quantity</i>	
Pilchards	.....	.....	.....	.....	25,205	packages
Tomato Puree	.....	.....	.....	.....	2,640	„
Tomato Juice	.....	.....	.....	.....	13,400	„
Beans	.....	.....	.....	.....	43,687	„
Sauerkraut	.....	.....	.....	.....	2,250	„
Salmon	.....	.....	.....	.....	1,590	„
Marzipan	.....	.....	.....	.....	1,973	„
Chicken	.....	.....	.....	.....	55,097	„
Chinese Foods	.....	.....	.....	.....	3,064	„
Crab	.....	.....	.....	.....	2,949	„
Rice	.....	.....	.....	.....	15,006	„
Soup	.....	.....	.....	.....	2,400	„
Beer	.....	.....	.....	.....	1,012	„
Prawns	.....	.....	.....	.....	2,140	„
Gherkins	.....	.....	.....	.....	3,823	„
Spinach	.....	.....	.....	.....	1,300	„
Macaroni	.....	.....	.....	.....	7,528	„
Apricot Pulp	.....	.....	.....	.....	1,915	„
Fruit Salad	.....	.....	.....	.....	2,867	„
Paprika	.....	.....	.....	.....	200	„
Peaches	.....	.....	.....	.....	6,678	„
Pastry Fat	.....	.....	.....	.....	2,740	„
Raspberry Pulp	.....	.....	.....	.....	268	„
Kippers	.....	.....	.....	.....	5,600	„
Morello Syrup	.....	.....	.....	.....	100	„
Fig Paste	.....	.....	.....	.....	15,485	„
Cod Roe	.....	.....	.....	.....	200	„
Margarine	.....	.....	.....	.....	170	„
Gooseberries	.....	.....	.....	.....	245	„
Bread	.....	.....	.....	.....	1,500	„
Liquorice Paste	.....	.....	.....	.....	2,500	„
Rye Bread	.....	.....	.....	.....	100	„
Fish Oil	.....	.....	.....	.....	250	„
Butterfat	.....	.....	.....	.....	100	„
Vegetable Ghee	.....	.....	.....	.....	1,564	„
Rusks	.....	.....	.....	.....	140	„
Hazel Nuts	.....	.....	.....	.....	500	„
Prunes	.....	.....	.....	.....	5,390	„
Elderberries	.....	.....	.....	.....	120	„
Cashews	.....	.....	.....	.....	3,198	„
Buttermilk	.....	.....	.....	.....	800	„
Tuna Fish	.....	.....	.....	.....	750	„
Strawberry Pulp	.....	.....	.....	.....	66	„
Mustard	.....	.....	.....	.....	610	„
Mushrooms	.....	.....	.....	.....	1,520	„
Sweet Corn	.....	.....	.....	.....	11,800	„
Aubergines	.....	.....	.....	.....	720	„
Coconuts	.....	.....	.....	.....	1,200	„
Blackcurrants	.....	.....	.....	.....	7,916	„
Chicory	.....	.....	.....	.....	1,001	„

Rabbits	.....	.....	.....	.....	.....	20 packages
Tapioca	.....	.....	.....	.....	.....	3,845 „
Mussels	.....	.....	.....	.....	.....	1,147 „

FOODSTUFFS INSPECTED—EX BRITISH RAILWAYS

<i>Description</i>	<i>Quantity</i>
Assorted Fruits	420 wagons
Apples	83 „
Oranges	1 „
Grapes	21 „
Lemons	1 „

UNEXAMINED CONTAINERS REPORTED BY OTHER LOCAL AUTHORITIES

3 Containers of Rice.
 6 Containers of meats
 9 Containers of Sultanas
 15 Containers of Apples
 80 Containers of Canned Fruit

CONTAINERS FORWARDED TO OTHER INLAND PORTS

53 Containers of Canned Fruit.

INSPECTION OF BACON EX GRIMSBY EX DENMARK

8 Containers each containing 360 Sides of Bacon.

THE MEAT (STAINING AND STERILIZATION) REGULATIONS 1960 AND

THE MEAT (STERILIZATION) REGULATIONS 1969

The undermentioned inedible foodstuffs imported through the Port of Hull were found to comply with the above Regulations :—

3,244 cartons of Lungs
 14,871 cartons of Meats
 14,611 cartons of Offals
 1,120 cartons of Livers
 2,896 cartons of Sundries

FOODSTUFFS FOUND TO BE UNFIT

<i>Description</i>	<i>Quantity</i>
Eggs	104 and 2 cartons
Butter	627½ lb. and 58 cartons
Coconut	86 bags
Potatoes	11,200 lb. and 28 tins and 2 cartons
Rye Bread	11 cartons
Sauerkraut	7 cartons
Lamb Carcasses	280 lb.

<i>Description</i>	<i>Quantity</i>
Fruit canned	25 cartons
Tomatoes	562 ,, and 47 tins
Grapefruit	7 cartons and 6 tins
Tuna	3 ,,
Cured Pork	1 tin
Pork	1 carton and 8 tins
Luncheon Meat	1 carton
Macaroni	20 cartons
Peaches	1 tin
Oranges	1 carton and
Oranges	1 carton and 19 tins
Pears	1 carton
Pineapples	18 tins and 1 carton
Bananas	6 tins
Orange Juice	3 ,,
Melon	12 ,,

The above items of unsound food, weighing approximately 303 tons were disposed of at the Destructor owned by the Kingston upon Hull Corporation.

DETENTIONS

200 cartons Pork Luncheon Meat :	61 cartons without official certificates—returned to country of origin
25 bags Frozen Pig Masks	Detained pending investigation and subsequently released.
320 cartons Pork Rinds	No official certificates—returned to country of origin.
22 cartons Ox Kidneys	No official certificates—returned to country of origin.
245 pieces of Meat	No official certificates—returned to country of origin.
1 cask sheep casings	No official certificate—released for technical purposes
1,282 tins Condensed Milk	Unfit for human consumption—returned to country of origin.
1,740 Beast Hindquarters	Found to be “prohibited meat” and returned to country of origin.
180 cartons (24 × 6 oz. tins) Lunch Tongues	No official certificates—returned to country of origin.

Royal Crown Bon Bons (confectionery)	The orange bon bons were found to contain orange G.G.N.—a prohibited colouring matter. Investigation still proceeding.
2 containers Chilled Quarters of Beef (120 and 114 quarters respectively)	The meat came within the category of “ prohibited meat ” by reason of the removal of certain lymphatic glands—returned to country of origin.

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action therefore, was taken under the Public Health (Shellfish) Regulations 1934 and 1948 or under the Food and Drugs Act 1955.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS 1926

No action has been taken under these regulations during the year.

FOOD AND DRUGS ACT 1955

During the year 134 samples of foodstuffs were taken for chemical analysis and 117 for bacteriological examination under the above Act.

FOOD INSPECTION

GOOLE

The Imported Food Regulations, 1968

Number of packages landed	.....	.....	2,045,704
Number of Detention Notes issued by H.M. Customs	.....		Nil.
Number of Detention Notes issued by Port Medical Officer	.....	.....	1

This work is carried out by the Authority's permanent Port Health Inspectors who are engaged daily on the inspection of imported foodstuffs.

**PARTICULARS OF IMPORTED MEAT AND MEAT
PRODUCTS LANDED**

<i>Description</i>	<i>Quantity</i>
Chopped Ham and Pork, tinned	253,562 cartons
Hot Dog Sausages, tinned	203,427 „
Pork Luncheon Meat, tinned	180,991 „
Cured Pork, tinned	149,145 „
Bacon	129,671 bales
Pork, tinned	88,774 cartons
Bacon Grill, tinned	35,727 „
Ham, tinned	32,463 „
Frankfurter, Sausages, tinned	29,782 „
Chopped Pork, tinned	24,121 „
Bacon, tinned	19,048 „
Chicken, tinned	15,675 „
Party sausages, tinned	14,914 „
Cocktail Sausages, tinned	14,552 „
Chopped Ham, tinned	13,950 „
Chicken Breast, tinned	13,781 „
Chicken Fillets, tinned	12,317 „
Luncheon Meat, tinned	10,246 „
Pork Meat	10,222 bales
Bacon Middles, tinned	7,850 cartons
Chicken and Ham Luncheon Meat, tinned	7,720 „
Chicken (various), jars	7,280 „
Pork Loaf, tinned	6,720 „
Pork Meat Balls, tinned	6,281 „
Boneless Chicken, tinned.....	5,386 „
Pork Picnic, tinned	4,698 „
Pork in Juice	3,104 „
Chicken Preserves, tinned	3,000 cartons
Chopped Chicken, tinned	2,861 „
Turkey Breast, tinned	2,557 „
Lunch, Tongues, tinned	2,314 „
Braised Pork, Kidney, tinned	1,350 „
Shoulder Ham, tinned	949 „
Whey Powder, tinned	800 „
Ox Tongues, tinned	475 „
Pork Loins, tinned	342 „
Chopped Pork Kidney, tinned	300 „
Meat Preserves, tinned	280 „
Vienna Sausage, tinned	215 „
Gammon, tinned	175 „
Grilled Sausages, jars	75 „
Half Chicken, tinned	43 „
Cured Shoulder, tinned	40 „
Chicken Soup Mass, tinned	10 „
Pate de Foie, tinned	4 „

OTHER FOODSTUFFS LANDED

<i>Description</i>					<i>Quantity</i>
Beer	.....	.....	.....	.....	250,603 cases and cartons
Sugar	.....	.....	.....	.....	155,180 bags
Cheese	.....	.....	.....	.....	93,780 boxes and crates
Farina Flour	.....	.....	.....	.....	87,318 bags
Dried Onions	.....	.....	.....	.....	27,947 cartons
Cheese	.....	.....	.....	.....	23,264 „
Butter	.....	.....	.....	.....	22,598 cartons and boxes
Evaporated Milk, tinned	.....	.....	.....	.....	11,530 cartons
Beer	.....	.....	.....	.....	8,161 kegs and tanks
Cockles in Vinegar	.....	.....	.....	.....	5,725 containers
Condensed Milk, tinned	.....	.....	.....	.....	3,650 cartons
Dried Beans	.....	.....	.....	.....	3,632 „
Premier Jus (Cooking Fat)	.....	.....	.....	.....	3,000 „
Milk, tinned	.....	.....	.....	.....	2,750 „
Beans	.....	.....	.....	.....	2,286 „
Dextrine	.....	.....	.....	.....	2,250 bags
Baby Foods	.....	.....	.....	.....	2,153 cartons
Codfish	.....	.....	.....	.....	1,869 bales
Lard	.....	.....	.....	.....	1,450 cartons
Dried Egg Powder	.....	.....	.....	.....	1,440 „
Red Cabbage, jars	.....	.....	.....	.....	1,430 „
Dried Green Beans	.....	.....	.....	.....	1,270 „
Peeled Potatoes, tinned	.....	.....	.....	.....	1,250 „
Onions	.....	.....	.....	.....	1,000 sacks
Jellied Lunch Tongues (Pieces)	.....	.....	.....	.....
tinned	.....	.....	.....	.....	850 cartons
Confectionery	.....	.....	.....	.....	646 „
White Cabbage	.....	.....	.....	.....	595 bags
Sauerkraut	.....	.....	.....	.....	500 cartons
Salted Cod	.....	.....	.....	.....	491 „
Honey	.....	.....	.....	.....	432 drums and tins
Kibbled Onions	.....	.....	.....	.....	407 cartons
Cranberry	.....	.....	.....	.....	400 „
Boiled Salted Cockles	.....	.....	.....	.....	380 bags
Dried Apples	.....	.....	.....	.....	310 cartons
Dehydrated Apples tinned	.....	.....	.....	.....	270 „
Currants, tinned	.....	.....	.....	.....	250 „
Liga Foods	.....	.....	.....	.....	200 „
Butter Glee	.....	.....	.....	.....	200 „
Cheese Powder	.....	.....	.....	.....	200 bags
Chocolate	.....	.....	.....	.....	177 cartons
Instant Onions	.....	.....	.....	.....	130 „
Cabbage	.....	.....	.....	.....	120 bags
Fish Preserves	.....	.....	.....	.....	106 cartons
Peas, tinned	.....	.....	.....	.....	100 „
Beetroot, jars	.....	.....	.....	.....	100 „
Pickled Herrings	.....	.....	.....	.....	97 containers

<i>Description</i>	<i>Quantity</i>
Dried Fish	75 packets
Boiled, Salted Mussels	40 bags
Cockles and Whelks	30 „
Unicream (Bakery Means)	20 „
Wine	7 cartons
Mussels in Vinegar	7 containers
Mock Turtle Soup, tinned	2 cartons

FOODSTUFFS FOUND TO BE UNFIT

<i>Description</i>	<i>Weight</i>		
	<i>cwts.</i>	<i>qrs.</i>	<i>lb.</i>
Pork Luncheon Meat, tinned	3	1	8 ³ / ₄
Hot Dog Sausages, tinned	1	—	15 ¹ / ₂
Chopped Ham and Pork, tinned	—	4	10 ¹ / ₂
Pork, tinned	—	3	24
Pure Pork, tinned	—	3	21
Cured Pork, tinned	—	2	13 ³ / ₄
Pork Shoulder Ham ,tinned	—	2	10
Pork Loaf, tinned	—	2	3
Condensed Milk, tinned	—	1	9
Picnic Pork, tinned	—	1	3
Ham, tinned	—	—	18
Pork in Juice, tinned	—	—	15 ³ / ₄
Frankfurter Sausages, tinned	—	—	11 ¹ / ₂
Edam Cheese, cartons	—	—	8 ³ / ₄
Bacon Grill, tinned	—	—	8 ¹ / ₂
Luncheon Meat, tinned	—	—	7 ¹ / ₄
Butter, cartons	—	—	7
Party Sausages, tinned	—	—	5 ³ / ₄
Cocktail Sausages, tinned	—	—	4 ³ / ₄
Chopped Pork, tinned	—	—	4
Ham and Pork, tinned	—	—	3 ¹ / ₂
Ham and Cured Pork, tinned	—	—	1 ¹ / ₄
Vienna Sausage, tinned	—	—	¹ / ₂
Total	10	2	19

FOOD AND DRUGS ACT, 1955

Thirty-one samples of foodstuffs were taken for chemical analysis and ninety-one for bacteriological examination under the above Act.

**THE FOOD HYGIENE (DOCKS, CARRIERS, ETC.)
REGULATIONS 1960**

During the year no action was taken under the above Regulations ; all foodstuffs landed at Goole are packed or otherwise protected against the risk of contamination.

THE FOOD HYGIENE (GENERAL) REGULATIONS 1960-62

In accordance with above Regulations regular visits were paid by the Authority's officers to the home-going vessels in the district.

No complaints were received and the vessels were found to comply with the requirements of the Regulations.

Tinned Hungarian Lunch Tongues, Gammon and Shoulder Ham

On 17th October, 1969, the Ministry of Agriculture, Fisheries and Food requested the Authority to detain and sample any consignments of Hungarian pasteurised tinned meat arriving at Goole. Three samples were taken from a consignment arriving on the same day and submitted to the Director of the Public Health Laboratory Service for bacteriological examination.

The consignment concerned was as follows :—

100 cartons Hungarian Lunch Tongues (8 oz. tins)
150 cartons Hungarian Gammon (10 lb. tins)
250 cartons Hungarian Gammon (10 lb. tins)

On 28th October three further samples of Lunch Tongues were taken together with a sample of shoulder ham from a further consignment of 250 cartons (10 lb. tins). The results of the examinations were forwarded to the Ministry. No further consignments arrived at Goole after 28th October.

On 5th November notification was received from the Ministry to the effect that approval of the establishment numbers relating to two processing factories had been withdrawn and, therefore, the above consignments which were affected by the notice would be required to be exported to the country of origin.

The consignments were returned to Hungary via Dover by road transport.

REPORT OF THE PORT ANALYST

HULL

134 samples of foodstuffs (as compared with 162 in 1968) were submitted for chemical examination of which 7 were reported as unsatisfactory. Further details are as follows :—

Bean Curd—4 parts per million of lead were found to be present. The Lead in Food Regulations require less than 2 parts.

Brazil Nuts—During the year 24 samples of Brazil nuts and 4 of Ground nuts were examined for the presence of Aflatoxin. The sample mentioned contained more than 1 part per million, an amount which is regarded as very high.

Chow Chow in Syrup—Chow Chow is an oriental delicacy (Chinese) of somewhat variable composition. Two types were examined during the year, one containing plums, white cucumber, ginger and turnip, and the other cucumber, apple, tomato, plum, turnip and ginger. In the article complained of a dead, intact insect similar to an English wasp was found. Is this indicative of Chow Chow of the greatest rarity (with a failure to declare a full list of ingredients) or merely unsatisfactory hygienic conditions at the canning factory?

Pork Sausages—60% of meat, calculated as raw pork was found to be present. The Sausage Regulations 1969 require a minimum of 65%.

Sweets—These sweets were Rumanian in origin and a mixture. One type only contained the artificial colouring matter orange GGN. Though prohibited as a food additive in England it is permitted in other parts of Europe.

Cauliflower in brine—520 and 180 parts per million, respectively of sulphur dioxide were present. Preservative in this amount is not permitted unless the article is accompanied by a document stating the name of the preservative and the amount. Shippers have tended to overlook these requirements in the past. Articles in which the cauliflower is likely to appear on retail sale have been examined but to date no preservative has been detected.

PESTICIDES

No samples were submitted for organic pesticides examination and no fish for determination of tetracycline content.

GOOLE

31 samples of foodstuffs (as compared with 40 in 1968) were submitted for chemical examination of which 1 was reported as unsatisfactory. Further details are as follows :—

Chicken and Ham Luncheon Meat—10 parts per million of lead were found to be present. The Lead in Food Regulations 1961 require less than 5 parts. Arising out of the above observation 11 further samples were taken and in each case they were found to be satisfactory.

FOODSTUFFS

The result of the 165 samples of foodstuffs submitted for analysis were as follows :—

	<i>Article</i>					<i>Total</i>	<i>Unsatisfactory</i>
Apples	4	—
Bacon Grill	1	—
Bananas	1	—
Bean Curd	6	1
Brawn, pork	1	—
Brazil Nuts	24	1

<i>Article</i>	<i>Total</i>	<i>Unsatis- factory</i>
Butter	3	—
Cabbage and Pork, stuffed	1	—
Cake (honey)	1	—
Cheese Powder	1	—
Chewing Gum	1	—
Chicken in Jelly	3	—
Chocolate mix	1	—
Egg, frozen	14	—
Fat, premier jus.	1	—
Feedstuffs	1	—
Fish, canned, kipper fillets	2	—
mussels	1	—
pilchards	1	—
sardines	1	—
Fruit, canned in syrup, apple stewed	1	—
bilberries	2	—
chow chow	3	1
raspberries	1	—
Fruit dried, raisins	1	—
Fruit pulp	3	—
Gelatine (with sugar)	1	—
Ghee	1	—
Groundnuts	4	—
Ham, chopped with pork	1	—
Honey	1	—
Jam, apricot	1	—
cherry morello	1	—
plum	1	—
raspberry	1	—
strawberry	1	—
Lard	1	—
Luncheon Meat,	2	—
chicken and ham	12	1
Meat balls, fried in sauce	1	—
Meat paste, pate de foie	1	—
Milk dried	1	—
Mutton stock	1	—
Oranges	1	—
Pears	1	—
Pickled cabbage inc. sauerkraut	2	—
Pork rinds, fried	1	—
Preservative (sausage)	1	—
Prunes	1	—
Sauce, thick canned (tortellini with cheese)	1	—
bean	1	—
thin chili	1	—
oyster	1	—
soya (inc. thin and black)	4	—
Sausages cocktail	1	—

<i>Article</i>						<i>Total</i>	<i>Unsatis- factory</i>
frankfurters in brine	.....	.....	.....	.....	.....	2	—
hot dog	.....	.....	.....	.....	.....	1	—
pork	.....	.....	.....	.....	.....	1	1
salami	.....	.....	.....	.....	.....	1	—
vienna	.....	.....	.....	.....	.....	1	—
Seasoning	.....	.....	.....	.....	.....	1	—
Soup, fish	.....	.....	.....	.....	.....	1	—
mix	.....	.....	.....	.....	.....	1	—
Spices ground, curry powder	.....	.....	.....	.....	.....	1	—
Sweets	.....	.....	.....	.....	.....	9	1
Syrup	.....	.....	.....	.....	.....	1	—
Tea	.....	.....	.....	.....	.....	1	—
Tomatoes canned	.....	.....	.....	.....	.....	5	—
paste, canned	.....	.....	.....	.....	.....	1	—
Turkey in jelly	.....	.....	.....	.....	.....	1	—
Vegetables in brine, cauliflower	.....	.....	.....	.....	.....	2	2
dried, beans inc. green	.....	.....	.....	.....	.....	2	—
cabbage	.....	.....	.....	.....	.....	2	—
onions	.....	.....	.....	.....	.....	2	—
pepper (red)	.....	.....	.....	.....	.....	1	—
						165	8

Action taken as a result of unsatisfactory reports :—

(a) **HULL**

Bean Curd—Subsequent samples were found to be satisfactory.

Chow Chow in Syrup—The importers were informed of the circumstances and advised to communicate with the canners.

Pork Sausages—The importers were informed of the circumstances.

Sweets—The importers were to investigate the possibility of separating the orange sweets, the reason for the complaint, from the remainder of the sweets.

Cauliflower in brine—The cauliflowers were released upon receipt of a document from the importers containing a description and quantity of the preservative present.

(b) **GOOLE**

Chicken and Ham Luncheon Meat, tinned—The consignment consisted of 250 cartons each containing 24 x 7 oz. tins which had been forwarded to a firm in Leeds and Morley before the results of the examination became known. The importers were immediately informed of the circumstances together with the respective Medical Officers of Health in Leeds and Morley who arranged to take further samples for chemical analysis. These samples showed the lead content to be well within the limits allowed by the Regulations.

Samples taken by this Authority from a further consignment were found to be satisfactory.

BACTERIOLOGICAL EXAMINATIONS

During the year 117 samples of foodstuffs were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results:—

(a) HULL

<i>Nature of Sample</i>					<i>No.</i>	<i>Result</i>
Dried Hen Egg Albumen	.....	.....	.....	.....	10	Satisfactory
Dried pasteurised whole Hen Egg Powder					3	„
Hen Egg White	.....	.....	.....	.....	2	„
Shrimps	.....	.....	.....	.....	3	„
Prawns	.....	.....	.....	.....	4	Salmonella anatum isolated in one sample
Sugar Gelatine	.....	.....	.....	.....	1	Satisfactory
Desiccated Coconut	.....	.....	.....	.....	2	„
Cooked Ham	.....	.....	.....	.....	1	„

(b) GOOLE

Dutch dried pasteurised Whole Hen Egg Powder	.....	.....	.....	.....	46	Satisfactory
Chinese spray dried Whole Hen Egg Powder	.....	.....	.....	.....	26	„
Dried Hen Egg Albumen	.....	.....	.....	.....	1	„
Cockles in vinegar	.....	.....	.....	.....	1	„
Mixed Poultry Corn	.....	.....	.....	.....	10	„
Hungarian Ham	.....	.....	.....	.....	3	1—Aerobic and anaerobic cultures sterile. 2—Contaminated. 1 with alpha-haemolytic streptococcus, 1 with non-haemolytic streptococcus.
Hungarian Lunch Tongues	.....	.....	.....	.....	4	3—Aerobic and anaerobic cultures sterile. 1—Contaminated with aerobic spore-bearing bacillus.

Action taken as a result of unsatisfactory reports :—

(a) HULL

Prawns—Consigned to Cold Stores at Grimsby—Medical Officer of Health notified.

(b) GOOLE

Hungarian Ham and Lunch Tongues—Returned to country of origin.

The nationalities and number of inspections are shown below :

British	.....	.....	.....	.....	.....	.....	.....	2,729
German	.....	.....	.....	.....	.....	.....	.....	1,317
Dutch	.....	.....	.....	.....	.....	.....	.....	812
Norwegian		.....	.....	.....	.....	.....	.....	254
Danish	.....	.....	.....	.....	.....	.....	.....	173
Swedish	.....	.....	.....	.....	.....	.....	.....	148
Russian	.....	.....	.....	.....	.....	.....	.....	94
Finnish	.....	.....	.....	.....	.....	.....	.....	82
Polish	.....	.....	.....	.....	.....	.....	.....	81
Icelandic	.....	.....	.....	.....	.....	.....	.....	64
Panamanian		.....	.....	.....	.....	.....	.....	45
Greek	.....	.....	.....	.....	.....	.....	.....	27
Jugo-Slavian		.....	.....	.....	.....	.....	.....	26
Liberian	.....	.....	.....	.....	.....	.....	.....	23
Spanish	.....	.....	.....	.....	.....	.....	.....	21
Roumanian		.....	.....	.....	.....	.....	.....	10
Nigerian	.....	.....	.....	.....	.....	.....	.....	10
Bulgarian	.....	.....	.....	.....	.....	.....	.....	8
Cyprian	.....	.....	.....	.....	.....	.....	.....	8
Belgian	.....	.....	.....	.....	.....	.....	.....	8
Italian	.....	.....	.....	.....	.....	.....	.....	6
French	.....	.....	.....	.....	.....	.....	.....	5
Hungarian		.....	.....	.....	.....	.....	.....	5
Indian	.....	.....	.....	.....	.....	.....	.....	5
Brazilian	.....	.....	.....	.....	.....	.....	.....	4
Swiss	.....	.....	.....	.....	.....	.....	.....	4
Moroccan	.....	.....	.....	.....	.....	.....	.....	4
Japanese	.....	.....	.....	.....	.....	.....	.....	3
Somali	.....	.....	.....	.....	.....	.....	.....	3
Egyptian		.....	.....	.....	.....	.....	.....	2
Irish (Eirean)		.....	.....	.....	.....	.....	.....	2
Pakistani	.....	.....	.....	.....	.....	.....	.....	2
Uganda	.....	.....	.....	.....	.....	.....	.....	2
Faroese	.....	.....	.....	.....	.....	.....	.....	1
South African		.....	.....	.....	.....	.....	.....	1
South Korean		.....	.....	.....	.....	.....	.....	1
Kenyan	.....	.....	.....	.....	.....	.....	.....	1
Total				.....	.....	.....	.....	5,991

APPENDIX I**HULL****Summary of Inspection to Vessels, Foreign and Coastwise**

From					
Foreign	{	Steamships	.....	.....	86
		Motor Vessels	.....	.....	3,023
		Fishing Vessels	.....	.....	765
Coastwise	{	Steamships	.....	.....	13
		Motor Vessels	.....	.....	285
		Fishing Vessels	.....	.....	27
					—— 4,199
GOOLE					
Foreign	{	Steamships	.....	.....	——
		Motor Vessels	.....	.....	1,072
Coastwise	{	Steamships	.....	.....	1
		Motor Vessels	.....	.....	719
					—— 1,792
					5,991
Extra Visits			.....	.....	881
					——
Total			.....	.....	6,879

Summary of Inspections to Vessels, British and Foreign Owned**HULL**

Owners		GOOLE			
British	{	Steamships	.....	.....	61
		Motor Vessels	.....	.....	1,217
		Fishing Vessels	.....	.....	784
					—— 2,062
Foreign	{	Steamships	.....	.....	38
		Motor Vessels	.....	.....	2,091
		Fishing Vessels	.....	.....	8
					—— 2,137
Owners		GOOLE			
British	{	Steamships	.....	.....	—
		Motor Vessels	.....	.....	667
					—— 667
Foreign	{	Steamships	.....	.....	1
		Motor Vessels	.....	.....	1,124
					—— 1,125
					5,991
Extra Visits					881
					——
Total					6,879

APPENDIX II

**Table showing the Ports from which came Vessels dealt with
on Arrival by the Medical Officers**

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	T totals
Ashdod	1	1	1	1	—	—	—	—	—	—	—	—	4
Australia	—	—	—	1	—	—	—	—	—	—	—	—	1
Beirut	—	—	—	—	—	1	—	—	—	—	—	—	1
Brazil	—	—	—	—	—	—	1	—	—	1	—	1	3
Constanza/ Ceuta	—	—	—	1	—	—	—	—	—	—	—	—	1
Dugirat/Ceuta	2	—	3	—	—	1	—	—	—	—	—	—	6
Famagusta/ Ceuta	—	—	—	1	—	—	—	—	—	—	—	—	1
Far East	—	—	—	—	1	—	1	—	—	1	—	—	3
Göteborg	8	6	9	6	7	6	7	8	7	7	5	6	82
Haifa	2	2	1	1	2	1	1	—	—	—	—	—	10
India	—	—	1	—	—	—	—	—	1	—	1	—	3
Leningrad	—	—	—	—	—	—	—	—	—	1	—	—	1
Mediterranean Ports/Ceuta	1	3	1	—	—	1	—	—	—	1	—	—	7
New Zealand	—	—	—	—	—	—	—	—	—	—	1	—	1
North Africa	4	6	5	6	4	2	5	—	—	—	—	—	32
Port Said	—	—	—	1	—	—	—	—	—	—	—	—	1
Port Sudan	1	—	—	1	—	—	—	—	—	—	—	—	2
Rotterdam	30	27	30	30	31	31	33	31	31	31	22	31	358
South America	—	1	—	—	—	—	—	—	—	—	—	—	1
Szczecin	1	—	—	—	—	—	—	—	—	—	—	—	1
Trondheim	—	—	1	—	—	—	—	—	—	—	—	—	1
West Africa	3	1	2	1	1	4	1	2	2	—	2	3	22
Totals	53	47	54	50	46	47	49	41	41	42	31	41	542

APPENDIX III STATEMENT SHOWING THE NUMBER OF ADMISSIONS TO HOSPITALS

<i>Date of Admission</i>	<i>Disease</i>	<i>Rating</i>	<i>Name of Vessel</i>	<i>Where From</i>
March 26th	Pneumonia	Passenger	m.v. "Spero "	Gothenburg
June 30th	Tonsillitis	Steward	m.v. "Grangefield "	Rotterdam
July 18th	Hookworm Disease	Cook	m.v. " Norwind "	Rotterdam
August 13th	Gastro-enteritis	Fireman	s.s. "Jaroslaw Dabrowski "	Gdynia
October 16th	Gastro-enteritis	Ordinary Seaman	m.v. " Havpil "	Leningrad
December 24th	Infective Hepatitis	—	Tug " Sea Horse "	North Sea Oil rig

APPENDIX IV

VESSELS REPORTED ON THEIR ARRIVAL AS HAVING, OR HAVING HAD, INFECTIOUS DISEASE ON BOARD

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of cases</i>	<i>Rating</i>	<i>How dealt with</i>
1969					
September 1st	m.v. " El Kanemi "	CHICKEN-POX West African Ports	1	Galley Boy	Suffered during voyage—now well
January 7th	m.v. " Ilesha Palm "	GASTRO-ENTERITIS West African Ports	1	Deck Hand	Referred to Agent's doctor
August 13th	s.s. " Jaroslaw Dabrowski "	Gdynia	1	Fireman	Admitted to Castle Hill Hospital, Cottingham
October 16th	m.v. " Havpil "	Leningrad	1	Seaman	Admitted to Castle Hill Hospital, Cottingham
July 18th	m.v. " Norwind "	HOOKWORM DISEASE Rotterdam	1	Cook	Admitted to Castle Hill Hospital, Cottingham
December 24th	Tug " Sea Horse "	INFECTIVE HEPATITIS North Sea (Oil Rig)	1	—	Admitted to Castle Hill Hospital, Cottingham
February 4th	m.v. " Crestbank "	INFLUENZA West African Ports	1	Seaman	Referred to Agent's doctor
March 30th	m.v. " Spero "	Gothenburg	1	Passenger	Proceeded home in care of parents
March 16th	m.v. " Norwind "	Rotterdam	1	Passenger	Proceeded home
January 21st	m.v. " Graybank "	Rotterdam	1	Seaman	Referred to Agent's doctor
December 24th	m.v. " Norwave "	MEASLES	1		Proceeded home
December 20th	m.v. " Norwave "	Rotterdam	1	Passenger	Proceeded home in care of parents
May 30th	m.v. " Spero "	MUMPS	1	Passenger	Proceeded home to Sweden
March 26th	m.v. " Spero "	PNEUMONIA Gothenburg	1	Passenger	Admitted to the Castle Hill Hospital, Cottingham
May 28th	m.v. " Bolton Abbey "	RUBELLA Rotterdam	1	Passenger	Proceeded home in care of parents
November 9th	m.v. " Auckland Star "	SCABIES New Zealand	2	Seamen	Received treatment on board
June 23rd	m.v. " Petra Skou "	TYPHOID FEVER Brazil	1	Seaman	Admitted to hospital at London
June 1st	m.v. " Grangefield "	TONSILLITIS Rotterdam	1	Cook/Steward	Admitted to Castle Hill Hospital, Cottingham

APPENDIX V

Total number of ships inspected	.....	.....	.....	5,878
Total number of ships with defects, including those due to dirt, vermin, etc.	.....	.....	.....	179
(a) at HULL				
British owned	.....	.....	.....	60
Foreign owned	.....	.....	.....	78
(b) at GOOLE				
British owned	.....	.....	.....	1
Foreign owned	.....	.....	.....	40

(a) DEFECTS OF ORIGINAL CONSTRUCTION**FOREIGN****VENTILATION :—**

			<i>No. of Defects</i>	<i>Remedied</i>
Unventilated water closets	.....	.....	37	nil
,, cabins	.....	.....	31	nil
,, wash places	.....	.....	18	Nil
,, combined w.c. and wash place	.....	.....	17	nil
,, messrooms	.....	.....	14	nil
,, galley-messrooms	.....	.....	10	nil
,, shower compartments	.....	.....	6	nil
,, galley	.....	.....	1	nil
,, drying locker	.....	.....	1	nil
,, recreation room	.....	.....	1	nil
,, hospital	.....	.....	1	nil

WATER CLOSETS :—

W.C.'s without water supply	3	nil
Total	.....	.....	140	nil

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR**BRITISH**

Defective bunks	.....	.....	6	6
,, sheathing	.....	.....	5	5
,, stoves and fittings	.....	.....	4	4
,, flooring	.....	.....	4	4
,, showers	.....	.....	4	4
,, W.C.'s and fittings	.....	.....	3	3
,, wash basins and fittings	.....	.....	3	3
,, water supply pipes	.....	.....	2	2
,, wardrobe	.....	.....	1	1
,, tap	.....	.....	1	1
,, and leaky overhead deck	.....	.....	1	1
,, and choked scupper	.....	.....	1	1
,, fresh water pump	.....	.....	1	1

				<i>No. of defects</i>	<i>Remedied</i>
„	heating system	.....	.....	1	1
„	locker	.....	.....	1	1
„	iced water-tap	.....	.....	1	1
Total				39	39

FOREIGN

Defective side port	.....	.....	.....	1	1
„ waste pipe	.....	.....	.....	1	nil
„ flooring	.....	.....	.....	1	1
No water supply to wash hand basin	.....	.....	.....	1	nil
Total				4	2

(c) **DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL TO HEALTH**

				<i>No. of Defects</i>	<i>Remedied</i>
BRITISH					
Dirty condition of cabins				32	32
„	„	messrooms	.....	9	9
„	„	storerooms	.....	7	7
„	„	galleys	.....	6	6
„	„	forecastles	.....	4	4
„	„	refrigerators	.....	4	4
„	„	lockers.....	.....	3	3
„	„	W.C. compartments	.....	2	2
„	„	alleyways	.....	2	2
„	„	washplaces	.....	2	2
„	„	pantries	.....	2	2
Verminous condition of cabins				62	62
„	„	messrooms	.....	18	13
„	„	pantries	.....	7	4
„	„	storerooms	.....	5	4
„	„	galleys	.....	5	2
„	„	forecastles	.....	3	3
„	„	washplaces	.....	2	2
„	„	saloon	.....	1	1
Flooded cabins				12	12
Weevils in flour lockers				11	11
Cabins requiring painting				3	3
Wash places requiring painting				1	1
Oilskin locker used as a storeroom				1	1
Total				204	192

FOREIGN

			<i>No. of defects</i>	<i>Remedied</i>
Dirty condition of W.C. compartments			8	8
„	„	washplaces	3	3
„	„	alleyways	3	3
„	„	messrooms	2	2
„	„	refrigerators	2	2
„	„	pantries	2	2
„	„	cabin	1	1
„	„	refrigerator handling room	1	1
„	„	storeroom	1	1
„	„	recreation room	1	1
„	„	bathroom	1	1
„	„	cooling room	1	1
Verminous condition of cabins			38	38
„	„	messrooms	15	15
„	„	galleys	12	12
„	„	pantries.....	12	12
„	„	storerooms	4	4
„	„	washplaces	4	4
Evidence of rat infestation in messrooms			2	2
„	„	„ galley	1	1
„	„	„ storeroom	1	1
„	„	„ accommoda- tion	1	1
Cooling room requiring painting			1	1
Total			117	117

(d) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS

BRITISH			<i>No. of Defects</i>	<i>Remedied</i>
VENTILATION :—				
Unventilated W.C. and shower			1	nil
Total			1	nil

FOREIGN

			<i>No. of defects</i>	<i>Remedied</i>
VENTILATION :—				
Unventilated cabins	.....	.....	12	nil
„ water closets	.....	.....	8	nil
„ messrooms	.....	.....	4	nil
„ washplaces	.....	.....	2	nil
„ combined W.C. and washplaces	.....	.....	2	nil
„ galley-messroom	.....	.....	1	nil
„ shower	.....	.....	1	nil
HEATING :—				
No heating to cabins	.....	.....	3	nil
WATER CLOSETS :—				
W.C.'s without water supply	.....	.....	5	nil
Total			38	nil

APPENDIX VI**POWERS**

The Principal Acts of Parliament and the Regulations made there-under affecting the work of the Authority are :—

Administration

Hull and Goole Port Orders 1887-1938.

Local Government Act 1933.

Public Health Acts 1936 and 1961.

Public Health Officers (Port Health Districts) Regulations 1959.

Aliens

Aliens Order, 1953—Instructions to Medical Inspectors 1955.

Commonwealth Immigrants Acts 1962 and 1968.

Canal Boats

Canal Boats Regulations 1878-1931.

Public Health Act 1936.

Crew Accommodation

Public Health Acts 1936 and 1961.

Dangerous Drugs

Dangerous Drugs (No. 2) Regulations 1964.

Food Inspection

Public Health (Imported Milk) Regulations 1926.

Food and Drugs Act 1955.

Food Hygiene (General) Regulations 1960-62.

Food Hygiene (Docks, Carriers, etc.,) Regulations 1960.

Colouring Matter in Food Regulations 1966.

Arsenic in Food Regulations 1959-60.

Fluorine in Food Regulations 1959.

The Meat (Staining and Sterilization) Regulations 1969.

Lead in Food Regulations 1961.

Preservatives in Food Regulations 1962.

Liquid Egg (Pasteurisation) Regulations 1963.

Mineral Hydrocarbons in Food Regulations 1966.

Bread and Flour Regulations 1963.

Antioxidant in Food Regulations 1966.

The Food (Control of Irradiation) Regulations 1967-69.

The Solvents in Food Regulations 1967.

The Imported Food Regulations 1968

The Artificial Sweeteners in Food Regulations 1969.

Infectious Diseases

Public Health Acts 1936 and 1961.

Public Health (Ships) Regulations 1966-68.

Public Health (Infectious Diseases) Regulations 1968.

Rodent Control

Prevention of Damage by Pests Act 1949.

Public Health (Ships) Regulations 1966-68

Hydrogen Cyanide (Fumigation of Ships) Regulations 1951.

Prevention of Damage by Pests (Application to Shipping) Order 1951.

Prevention of Damage by Pests (Application to Shipping) (Amendment No. 2) Order 1956.

The Poisons (Fluoroacetamide and Fluoroacetanilide) Rules 1964.

Poisons (No. 2) Rules 1968.

Smoke Abatement

Clean Air Act 1956.

Dark Smoke (Permitted Periods) (Vessels) Regulations 1958.



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